

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19860	oligosaccharide\$1 or lacto-n-neotetraose or LNnT or polylectosamine	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:28
L2	3993	1 near8 (synthes\$8 or produc\$8)	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:28
L3	676	2 same (coli or bacter\$ or microb\$10 or microorganism\$)	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:28
(L4)	28	3 same vivo	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:29
L5	2782	1 near3 (synthes\$8 or produc\$8)	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:33
L6	159	5 near5 (coli or bacter\$ or microb\$10 or microorganism\$)	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:33
(L7)	32	6 and (glycosyltransferase\$1 or glycosyl transferase\$1)	US-PGPUB; USPAT	ADJ	OFF	2005/12/13 10:34

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:40:18 ON 13 DEC 2005

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:40:27 ON 13 DEC 2005  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s oligosaccharide# or lacto n neotetraose or LNnT or polylactosamine

FILE 'MEDLINE'

25554 OLIGOSACCHARIDE#

828 LACTO

777775 N

113 NEOTETRAOSE

109 LACTO N NEOTETRAOSE

(LACTO (W) N (W) NEOTETRAOSE)

18 LNNT

188 POLYLACTOSAMINE

L1 25668 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
NE

FILE 'SCISEARCH'

28112 OLIGOSACCHARIDE#

710 LACTO

1221509 N

115 NEOTETRAOSE

108 LACTO N NEOTETRAOSE

(LACTO (W) N (W) NEOTETRAOSE)

19 LNNT

197 POLYLACTOSAMINE

L2 28256 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
NE

FILE 'LIFESCI'

6533 OLIGOSACCHARIDE#

200 "LACTO"

226748 "N"

47 "NEOTETRAOSE"

47 LACTO N NEOTETRAOSE

("LACTO" (W) "N" (W) "NEOTETRAOSE")

7 LNNT

42 POLYLACTOSAMINE

L3 6584 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
NE

FILE 'BIOTECHDS'

3369 OLIGOSACCHARIDE#

64 LACTO

47162 N

14 NEOTETRAOSE

13 LACTO N NEOTETRAOSE

(LACTO (W) N (W) NEOTETRAOSE)

5 LNNT

6 POLYLACTOSAMINE

L4 3378 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
NE

FILE 'BIOSIS'

- 23949 OLIGOSACCHARIDE#
- 2977 LACTO
- 897188 N
- 107 NEOTETRAOSE
- 104 LACTO N NEOTETRAOSE
- (LACTO (W) N (W) NEOTETRAOSE)
- 18 LNNT
- 192 POLYLACTOSAMINE
- L5 24128 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMINE

FILE 'EMBASE'

- 18499 OLIGOSACCHARIDE#
- 744 "LACTO"
- 726458 "N"
- 106 "NEOTETRAOSE"
- 99 LACTO N NEOTETRAOSE
- ("LACTO" (W) "N" (W) "NEOTETRAOSE")
- 16 LNNT
- 163 POLYLACTOSAMINE
- L6 18636 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMINE

FILE 'HCAPLUS'

- 50780 OLIGOSACCHARIDE#
- 1377 LACTO
- 2863240 N
- 187 NEOTETRAOSE
- 181 LACTO N NEOTETRAOSE
- (LACTO (W) N (W) NEOTETRAOSE)
- 35 LNNT
- 214 POLYLACTOSAMINE
- L7 50950 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMINE

FILE 'NTIS'

- 158 OLIGOSACCHARIDE#
- 5 LACTO
- 69771 N
- 1 NEOTETRAOSE
- 1 LACTO N NEOTETRAOSE
- (LACTO (W) N (W) NEOTETRAOSE)
- 0 LNNT
- 1 POLYLACTOSAMINE
- L8 160 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMINE

FILE 'ESBIOBASE'

- 8233 OLIGOSACCHARIDE#
- 249 LACTO
- 323782 N
- 67 NEOTETRAOSE
- 64 LACTO N NEOTETRAOSE
- (LACTO (W) N (W) NEOTETRAOSE)
- 13 LNNT
- 100 POLYLACTOSAMINE
- L9 8329 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMINE

FILE 'BIOTECHNO'

- 9517 OLIGOSACCHARIDE#
- 275 LACTO
- 184936 N

53 NEOTETRAOSE  
 52 LACTO N NEOTETRAOSE  
     (LACTO (W) N (W) NEOTETRAOSE)  
     8 LNNT  
 113 POLYLACTOSAMINE  
 L10 9603 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
       NE

FILE 'WPIDS'

6429 OLIGOSACCHARIDE#  
 433 LACTO  
 693472 N  
     16 NEOTETRAOSE  
     14 LACTO N NEOTETRAOSE  
       (LACTO (W) N (W) NEOTETRAOSE)  
     12 LNNT  
     15 POLYLACTOSAMINE  
 L11 6440 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
       NE

TOTAL FOR ALL FILES

L12 182132 OLIGOSACCHARIDE# OR LACTO N NEOTETRAOSE OR LNNT OR POLYLACTOSAMI  
       NE

=> s 112(5a) (synthes? or produc?)

FILE 'MEDLINE'

494539 SYNTHES?  
 1272964 PRODUC?  
 L13 1910 L1 (5A) (SYNTHES? OR PRODUC?)

FILE 'SCISEARCH'

885099 SYNTHES?  
 1786284 PRODUC?  
 L14 3323 L2 (5A) (SYNTHES? OR PRODUC?)

FILE 'LIFESCI'

140412 SYNTHES?  
 508490 PRODUC?  
 L15 801 L3 (5A) (SYNTHES? OR PRODUC?)

FILE 'BIOTECHDS'

33061 SYNTHES?  
 219209 PRODUC?  
 L16 1228 L4 (5A) (SYNTHES? OR PRODUC?)

FILE 'BIOSIS'

642146 SYNTHES?  
 1688896 PRODUC?  
 L17 2952 L5 (5A) (SYNTHES? OR PRODUC?)

FILE 'EMBASE'

604186 SYNTHES?  
 1217164 PRODUC?  
 L18 1827 L6 (5A) (SYNTHES? OR PRODUC?)

FILE 'HCAPLUS'

1495608 SYNTHES?  
 4165398 PRODUC?  
 910781 PRODN  
 4606890 PRODUC?  
     (PRODUC? OR PRODN)  
 L19 7233 L7 (5A) (SYNTHES? OR PRODUC?)

FILE 'NTIS'

```

    42468 SYNTHES?
    368558 PRODUC?
L20      21 L8 (5A) (SYNTHES? OR PRODUC?)

FILE 'ESBIOBASE'
    192325 SYNTHES?
    567140 PRODUC?
L21      1088 L9 (5A) (SYNTHES? OR PRODUC?)

FILE 'BIOTECHNO'
    170699 SYNTHES?
    394590 PRODUC?
L22      1016 L10 (5A) (SYNTHES? OR PRODUC?)

FILE 'WPIDS'
    128894 SYNTHES?
    2303402 PRODUC?
L23      834 L11 (5A) (SYNTHES? OR PRODUC?)

TOTAL FOR ALL FILES
L24      22233 L12 (5A) (SYNTHES? OR PRODUC?)

=> s l24(5a)(coli or bacter? or microb? or microorganism?)
FILE 'MEDLINE'
    246390 COLI
    714406 BACTER?
    517749 MICROB?
    33307 MICROORGANISM?
L25      48 L13 (5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'SCISEARCH'
    224739 COLI
    364716 BACTER?
    135132 MICROB?
    43728 MICROORGANISM?
L26      74 L14 (5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'LIFESCI'
    97473 COLI
    191480 BACTER?
    53216 MICROB?
    39264 MICROORGANISM?
L27      34 L15 (5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'BIOTECHDS'
    45164 COLI
    121175 BACTER?
    20443 MICROB?
    26333 MICROORGANISM?
L28      72 L16 (5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'BIOSIS'
    273212 COLI
    1327549 BACTER?
    458814 MICROB?
    2672675 MICROORGANISM?
L29      74 L17 (5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'EMBASE'
    175309 COLI
    476255 BACTER?
    91456 MICROB?
    126849 MICROORGANISM?
L30      46 L18 (5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

```

FILE 'HCAPLUS'  
263522 COLI  
578309 BACTER?  
411791 MICROB?  
151897 MICROORGANISM?  
L31 193 L19(5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'NTIS'  
2804 COLI  
18677 BACTER?  
12747 MICROB?  
9066 MICROORGANISM?  
L32 1 L20(5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'ESBIOBASE'  
67275 COLI  
190629 BACTER?  
246900 MICROB?  
20098 MICROORGANISM?  
L33 43 L21(5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'BIOTECHNO'  
94549 COLI  
191870 BACTER?  
38419 MICROB?  
18193 MICROORGANISM?  
L34 36 L22(5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

FILE 'WPIDS'  
18627 COLI  
107185 BACTER?  
47868 MICROB?  
48948 MICROORGANISM?  
L35 48 L23(5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

TOTAL FOR ALL FILES  
L36 669 L24(5A) (COLI OR BACTER? OR MICROB? OR MICROORGANISM?)

=> s l36 not 2001-2005/py

FILE 'MEDLINE'  
2789957 2001-2005/PY  
L37 36 L25 NOT 2001-2005/PY

FILE 'SCISEARCH'  
5231884 2001-2005/PY  
(20010000-20059999/PY)  
L38 47 L26 NOT 2001-2005/PY

FILE 'LIFESCI'  
505761 2001-2005/PY  
L39 25 L27 NOT 2001-2005/PY

FILE 'BIOTECHDS'  
118258 2001-2005/PY  
L40 46 L28 NOT 2001-2005/PY

FILE 'BIOSIS'  
2556250 2001-2005/PY  
L41 47 L29 NOT 2001-2005/PY

FILE 'EMBASE'  
2399336 2001-2005/PY  
L42 35 L30 NOT 2001-2005/PY

FILE 'HCAPLUS'  
5267476 2001-2005/PY  
L43 118 L31 NOT 2001-2005/PY

FILE 'NTIS'  
78543 2001-2005/PY  
L44 1 L32 NOT 2001-2005/PY

FILE 'ESBIOBASE'  
1465569 2001-2005/PY  
L45 25 L33 NOT 2001-2005/PY

FILE 'BIOTECHNO'  
368875 2001-2005/PY  
L46 28 L34 NOT 2001-2005/PY

FILE 'WPIDS'  
4631284 2001-2005/PY  
L47 31 L35 NOT 2001-2005/PY

TOTAL FOR ALL FILES  
L48 439 L36 NOT 2001-2005/PY

=> dup rem l48  
PROCESSING COMPLETED FOR L48  
L49 205 DUP REM L48 (234 DUPLICATES REMOVED)

=> d 1-50

L49 ANSWER 1 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
TI A new chitosanase producing microbe, Burkholderia gladioli for  
manufacturing chitosan oligosaccharide;  
Production of chitosan oligosaccharide by Burkholderia gladioli sp.  
CHB101  
AN 2000-06955 BIOTECHDS  
PI JP 2000041664 15 Feb 2000

L49 ANSWER 2 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
TI Role of oligosaccharides in microbial glycoproteins and synthetic methods  
of neoglycoproteins  
SO Nippon Nogei Kagaku Kaishi (2000), 74(11), 1237-1246  
CODEN: NNKKAA; ISSN: 0002-1407  
AU Takegawa, Kaoru  
AN 2000:810811 HCAPLUS  
DN 133:331223

L49 ANSWER 3 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
TI **Production** of heterologous **oligosaccharides** by  
recombinant **bacteria** (recombinant oligosaccharides)  
SO Carbohydrates in Chemistry and Biology (2000), Volume 2, 845-860.  
Editor(s): Ernst, Beat; Hart, Gerald W.; Sinay, Pierre. Publisher:  
Wiley-VCH Verlag GmbH, Weinheim, Germany.  
CODEN: 69AMJE  
AU Geremia, Roberto A.; Samain, Eric  
AN 2000:717510 HCAPLUS  
DN 134:85146

L49 ANSWER 4 OF 205 MEDLINE on STN DUPLICATE 2  
TI Large-scale **production** of **oligosaccharides** using  
engineered **bacteria**.  
SO Current opinion in structural biology, (2000 Oct) 10 (5) 536-41. Ref: 50  
Journal code: 9107784. ISSN: 0959-440X.  
AU Endo T; Koizumi S

AN 2000502273 MEDLINE

L49 ANSWER 5 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
TI A novel approach to the recovery of biologically active oligosaccharides  
from milk using a combination of enzymatic treatment and nanofiltration;  
combined lipase and nanofiltration of human defatted milk for  
**production of oligosaccharide** with anti-Escherichia  
**coli** activity  
SO Biotechnol.Bioeng.; (2000) 69, 4, 461-67  
CODEN: BIBIAU ISSN: 0006-3592  
AU Sarney D B; Hale C; Frankel G; \*Vulfson E N  
AN 2000-10620 BIOTECHDS

L49 ANSWER 6 OF 205 MEDLINE on STN DUPLICATE 3  
TI **Microbial production of oligosaccharides: a**  
review.  
SO Advances in applied microbiology, (2000) 47 299-343. Ref: 115  
Journal code: 0370413. ISSN: 0065-2164.  
AU Prapulla S G; Subhaprada V; Karanth N G  
AN 2003345491 MEDLINE

L49 ANSWER 7 OF 205 MEDLINE on STN DUPLICATE 4  
TI Large-scale **production** of CMP-NeuAc and sialylated  
**oligosaccharides** through **bacterial** coupling.  
SO Applied microbiology and biotechnology, (2000 Mar) 53 (3) 257-61.  
Journal code: 8406612. ISSN: 0175-7598.  
AU Endo T; Koizumi S; Tabata K; Ozaki A  
AN 2000233416 MEDLINE

L49 ANSWER 8 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
TI Synthesis of a di- and trisaccharide related to the repeating unit of E.  
coli O128 lipopolysaccharide  
SO Journal of Carbohydrate Chemistry (2000), 19(2), 243-251  
CODEN: JCACDM; ISSN: 0732-8303  
AU Sengupta, Prabal; Basu, Sumanta; Chatterjee, Bishnu P.  
AN 2000:228023 HCAPLUS  
DN 133:30898

L49 ANSWER 9 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
TI Solid-phase **synthesis** of a **bacterial**  
**oligosaccharide** antigen.  
SO Abstracts of Papers, 220th ACS National Meeting, Washington, DC, United  
States, August 20-24, 2000 (2000) ORGN-216  
CODEN: 69FZC3  
AU Seeberger, Peter H.; Melean, Luis G.; Haase, Wilm C.  
AN 2000:796718 HCAPLUS

L49 ANSWER 10 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
TI Large-scale production of GDP-fucose and Lewis X by bacterial coupling  
SO Journal of Industrial Microbiology & Biotechnology (2000), 25(4), 213-217  
CODEN: JIMBFL; ISSN: 1367-5435  
AU Koizumi, S.; Endo, T.; Tabata, K.; Nagano, H.; Ohnishi, J.; Ozaki, A.  
AN 2001:59943 HCAPLUS  
DN 134:236268

L49 ANSWER 11 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
on STN DUPLICATE 5  
TI Uronic acid-containing oligosaccharins: Their biosynthesis, degradation  
and signalling roles in non-diseased plant tissues  
SO PLANT PHYSIOLOGY AND BIOCHEMISTRY, (JAN-FEB 2000) Vol. 38, No. 1-2, pp.  
125-140.  
ISSN: 0981-9428.  
AU Dumville J C; Fry S C (Reprint)  
AN 2000:283091 SCISEARCH

L49 ANSWER 12 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
 TI Effect on gout flora of oligosaccharide synthesizing enzymes  
 SO Shoka to Kyushu (2000), 23(2), 107-109  
 CODEN: SHKYEZ; ISSN: 0389-3626  
 AU Kariya, Kinya; Ogawa, Tomonari; Jo, Takashi  
 AN 2001:384881 HCAPLUS  
 DN 135:150320

L49 ANSWER 13 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
 on STN DUPLICATE 6  
 TI Effect of oligosaccharides and fibre substitutes on short-chain fatty acid  
 production by human faecal microflora  
 SO ANAEROBE, (APR 2000) Vol. 6, No. 2, pp. 87-92.  
 ISSN: 1075-9964.  
 AU Velazquez M; Davies C; Marett R; Slavin J L; Feirtag J M (Reprint)  
 AN 2000:339021 SCISEARCH

L49 ANSWER 14 OF 205 LIFESCI COPYRIGHT 2005 CSA on STN DUPLICATE 7  
 TI Functional analysis of chimeras derived from the Sinorhizobium meliloti  
 and Mesorhizobium loti nodC genes identifies regions controlling chitin  
 oligosaccharide chain length  
 SO Molecular and General Genetics [Mol. Gen. Genet.], (20000905) vol. 264,  
 no. 1/2, pp. 75-81.  
 ISSN: 0026-8925.  
 AU Kamst, E.; Breek, C.K.; Spaink, H.P.  
 AN 2001:17471 LIFESCI

L49 ANSWER 15 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
 on STN  
 TI Solid-phase **synthesis** of a **bacterial**  
**oligosaccharide** antigen.  
 SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (20 AUG 2000) Vol.  
 220, Part 2, pp. U66-U66. MA 216-ORGN.  
 ISSN: 0065-7727.  
 AU Seeberger P H (Reprint); Melean L G; Haase W C  
 AN 2001:131060 SCISEARCH

L49 ANSWER 16 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
 TI Study on fructo-**oligosaccharide production** by  
**microbial** enzymatic reaction  
 SO Shipin Kexue (Beijing) (2000), 21(6), 31-35  
 CODEN: SPKHD5; ISSN: 1002-6630  
 AU Cao, Xia; Zhang, Wei; Wang, Yingfeng; Yang, Xiushan  
 AN 2000:467331 HCAPLUS  
 DN 133:149512

L49 ANSWER 17 OF 205 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 TI Solid-phase **synthesis** of a **bacterial**  
**oligosaccharide** antigen.  
 SO Abstracts of Papers American Chemical Society, (2000) Vol. 220, No. Part  
 2, pp. ORGN 216. print.  
 Meeting Info.: 220th National Meeting of the American Chemical Society.  
 Washington, DC, Washington DC, USA. August 20-24, 2000. American Chemical  
 Society.  
 CODEN: ACSRAL. ISSN: 0065-7727.  
 AU Seeberger, Peter H. [Reprint author]; Melean, Luis G. [Reprint author];  
 Haase, Wilm C. [Reprint author]  
 AN 2000:440809 BIOSIS

L49 ANSWER 18 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
 TI A process for preparation of 6-kestose oligosaccharides;  
 by Acetobacter polysaccharogenes or Gluconobacter albidus activity on

sucrose  
AN 1999-06786 BIOTECHDS  
PI JP 11046785 23 Feb 1999

L49 ANSWER 19 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
TI Cloning, expression and characterization of a UDP-galactose 4-epimerase  
from *Escherichia coli*;  
plasmid pET15b-galE expression in **bacterium** for enzyme  
**production** and application in alpha-Gal  
**oligosaccharide** production for xenotransplantation support  
SO Biotechnol.Lett.; (1999) 21, 12, 1131-35  
CODEN: BILED3 ISSN: 0141-5492  
AU Chen X; Kowal P; Hamad S; Fan H; \*Wang P G  
AN 2000-02215 BIOTECHDS

L49 ANSWER 20 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
TI Beta-galactooligosaccharide synthesis with beta-galactosidase from  
*Sulfolobus solfataricus*, *Aspergillus oryzae*, and *Escherichia coli*;  
oligosaccharide production using thermostable and non-thermostable  
enzyme  
SO Enzyme Microb.Technol.; (1999) 25, 6, 509-16  
CODEN: EMTED2 ISSN: 0141-0229  
AU Reuter S; Nygaard A R; \*Zimmermann W  
AN 1999-12884 BIOTECHDS

L49 ANSWER 21 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
TI Synthesis of alpha-galacto-oligosaccharides by a cloned  
alpha-galactosidase from *Bifidobacterium adolescentis*;  
galacto-**oligosaccharide** probiotic **production** using  
transformed *Escherichia coli*  
SO Biotechnol.Lett.; (1999) 21, 5, 441-45  
CODEN: BILED3 ISSN: 0141-5492  
AU van den Broek L A M; Ton J; Verdoes J C; van Laere K M J; \*Voragen A G J;  
Beldman G  
AN 1999-10111 BIOTECHDS

L49 ANSWER 22 OF 205 MEDLINE on STN DUPLICATE 8  
TI **Microbial production** of inulo-**oligosaccharides**  
by an endoinulinase from *Pseudomonas* sp. expressed in *Escherichia coli*.  
SO J Biosci Bioeng, (1999) 87 (3) 291-5.  
Journal code: 100888800. ISSN: 1389-1723.  
AU Yun J W; Choi Y J; Song C H; Song S K  
AN 2005556787 MEDLINE

L49 ANSWER 23 OF 205 MEDLINE on STN DUPLICATE 9  
TI Oligosaccharide recognition signals and defence reactions in marine  
plant-microbe interactions.  
SO Current opinion in microbiology, (1999 Jun) 2 (3) 276-83. Ref: 64  
Journal code: 9815056. ISSN: 1369-5274.  
AU Potin P; Bouarab K; Kupper F; Kloareg B  
AN 1999316463 MEDLINE

L49 ANSWER 24 OF 205 MEDLINE on STN DUPLICATE 10  
TI Electron beam fragmentation of **bacterial** polysaccharides as a  
method of **producing oligosaccharides** for the  
preparation of conjugate vaccines.  
SO FEMS microbiology letters, (1999 May 15) 174 (2) 255-63.  
Journal code: 7705721. ISSN: 0378-1097.  
AU Pawlowski A; Svenson S B  
AN 1999271175 MEDLINE

L49 ANSWER 25 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
TI Isolation of endophytes from plants in Southeast Asia and Japan, and their  
identification by 18S rRNA gene

SO Biotechnology for Sustainable Utilization of Biological Resources in the Tropics (1999), 13, 227-232  
CODEN: BSUTFT

AU Tanaka, Michiko; Sukiman, Harmastini; Takebayashi, Miho; Saito, Katsuichi; Suto, Manabu; Prana, Titik K.; Prana, Made Sri; Tomita, Fusao

AN 2000:309091 HCAPLUS

DN 133:234880

L49 ANSWER 26 OF 205 MEDLINE on STN DUPLICATE 11

TI The living factory: in vivo production of N-acetyllactosamine containing carbohydrates in E. coli.

SO Glycoconjugate journal, (1999 Mar) 16 (3) 205-12.  
Journal code: 8603310. ISSN: 0282-0080.

AU Bettler E; Samain E; Chazalet V; Bosso C; Heyraud A; Joziassé D H; Wakarchuk W W; Imberty A; Geremia A R

AN 2000062031 MEDLINE

L49 ANSWER 27 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 12

TI Functional domains in the chitin oligosaccharide synthase NodC and related beta-polysaccharide synthases

SO TRENDS IN GLYCOSCIENCE AND GLYCOTECHNOLOGY, (JUL 1999) Vol. 11, No. 60, pp. 187-199.  
ISSN: 0915-7352.

AU Kamst E (Reprint); Spaink P H

AN 1999:787324 SCISEARCH

L49 ANSWER 28 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 13

TI Chemical synthesis of N-acetylglucosamine derivatives and their use as glycosyl accepters by the Mesorhizobium loti chitin oligosaccharide synthase NodC

SO CARBOHYDRATE RESEARCH, (15 OCT 1999) Vol. 321, No. 3-4, pp. 176-189.  
ISSN: 0008-6215.

AU Kamst E; Zegelaar-Jaarsveld K; van der Marel G A; van Boom J H; Lugtenberg B J J; Spaink H P (Reprint)

AN 1999:941201 SCISEARCH

L49 ANSWER 29 OF 205 LIFESCI COPYRIGHT 2005 CSA on STN DUPLICATE 14

TI Synthesis of inner core antigens related to Chlamydia, Pseudomonas and Acinetobacter LPS

SO Journal of Endotoxin Research [J. Endotoxin Res.], (19990000) vol. 5, no. 3, pp. 157-163.  
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L49 ANSWER 30 OF 205 MEDLINE on STN DUPLICATE 15

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L49 ANSWER 31 OF 205 MEDLINE on STN DUPLICATE 16

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L49 ANSWER 32 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN

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L49 ANSWER 33 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
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L49 ANSWER 35 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
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L49 ANSWER 36 OF 205 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
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L49 ANSWER 37 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
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L49 ANSWER 38 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
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L49 ANSWER 39 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
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origin;

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L49 ANSWER 40 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
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PATENT NO. KIND DATE APPLICATION NO. DATE  
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L49 ANSWER 41 OF 205 HCAPLUS COPYRIGHT 2005 ACS on STN  
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CODEN: JKXXAF  
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PATENT NO. KIND DATE APPLICATION NO. DATE  
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L49 ANSWER 42 OF 205 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
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other conditions associated with lipopolysaccharide..  
PI EP 842666 A2 19980520 (199824)\* EN 5 A61K039-40  
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L49 ANSWER 43 OF 205 MEDLINE on STN DUPLICATE 20  
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L49 ANSWER 44 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
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recombinant enzyme production and purification via vector plasmid  
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L49 ANSWER 45 OF 205 MEDLINE on STN DUPLICATE 21  
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L49 ANSWER 46 OF 205 MEDLINE on STN DUPLICATE 22  
TI Isolation and structural analyses of positional isomers of  
6(1),6m-di-O-alpha-D-mannopyranosyl-cyclomaltooctaose (m = 2-5) and  
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Journal code: 0043535. ISSN: 0008-6215.  
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L49 ANSWER 47 OF 205 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
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thermostable endo-1,4-beta-D-xylanase expression from new vector in  
**microorganism** for use in xylose, xylo-**oligosaccharide**  
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L49 ANSWER 48 OF 205 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
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hydrolyses beta 1-3 galactoside bond produces key oligosaccharide at low  
cost.  
PI JP 09313177 A 19971209 (199808)\* 12 C12N009-38

L49 ANSWER 49 OF 205 MEDLINE on STN DUPLICATE 23  
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L49 ANSWER 50 OF 205 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
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